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PATENT
ATTORNEY DOCKET NO. 040894-5723

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Yasuhisa SHIMODA, et al.)
Application No.: 09/961,183) Group Art Unit No.: 2872
Filed: September 24, 2001)
For: INFORMATION RECORD APPARATUS,)
INFORMATION RECORD METHOD, AND)
INFORMATION RECORD MEDIUM)

Commissioner for Patents
Washington, D.C. 20231

**RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS AND
SUBMISSION OF FORMAL DRAWINGS**

In response to the Notice to File Corrected Application Papers mailed October 19, 2001, files herewith are (8) sheets of formal patent drawings containing (16) figures. It is requested that these drawings be approved and made part of the official record in the above-identified patent application. A copy of the Notice to File Corrected Application Papers is attached herewith.

If there are any fees due in connection with the filing of this paper, please charge the fees to our Deposit Account No. 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Dated: November 8, 2001

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UNITED STATES PATENT AND TRADEMARK OFFICE

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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/961,183	09/24/2001	Yasuhisa Shimoda	040894-5723

CONFIRMATION NO. 7146

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FORMALITIES LETTER



OC000000006933611

Date Mailed: 10/19/2001

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
 - Drawings must be reasonably free from erasures and must be free from alterations, overwritings, interlineations, folds, and copy marks.

*A copy of this notice **MUST** be returned with the reply.*

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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

FIG. 1

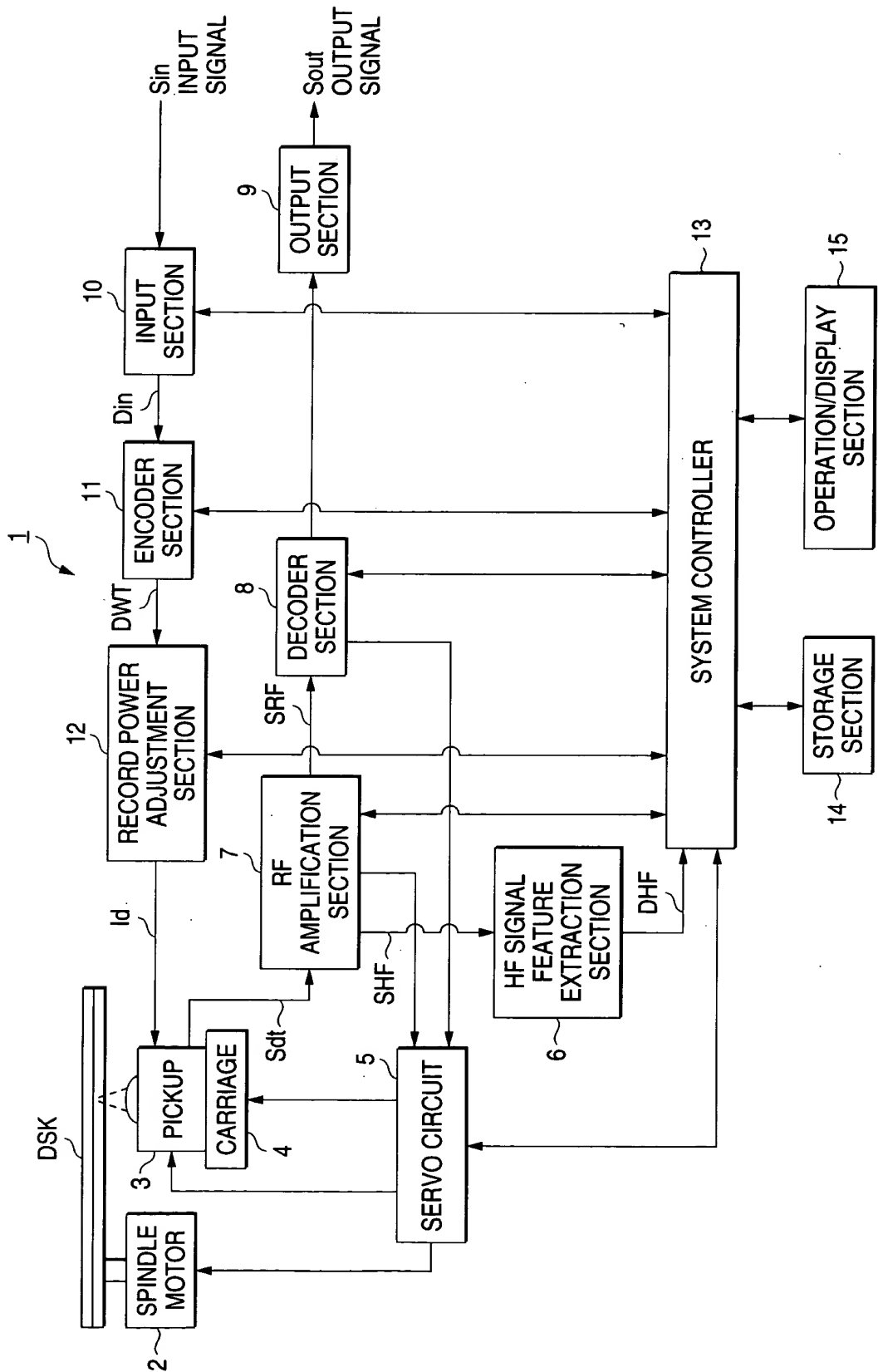


FIG. 2

DISK TYPE (k)	TARGET β VALUE DATA β_k
OPTICAL DISK A (k = 1)	β_1
OPTICAL DISK B (k = 2)	β_2
OPTICAL DISK C (k = 3)	β_3
OPTICAL DISK D (k = 4)	β_4

FIG. 3

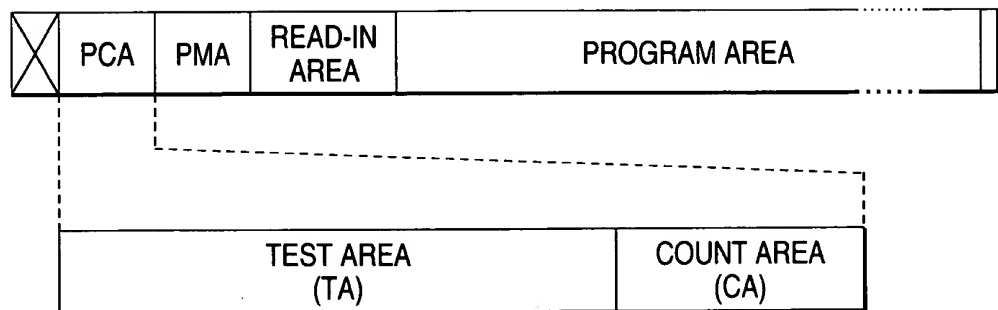
DISK
CENTER

FIG. 4

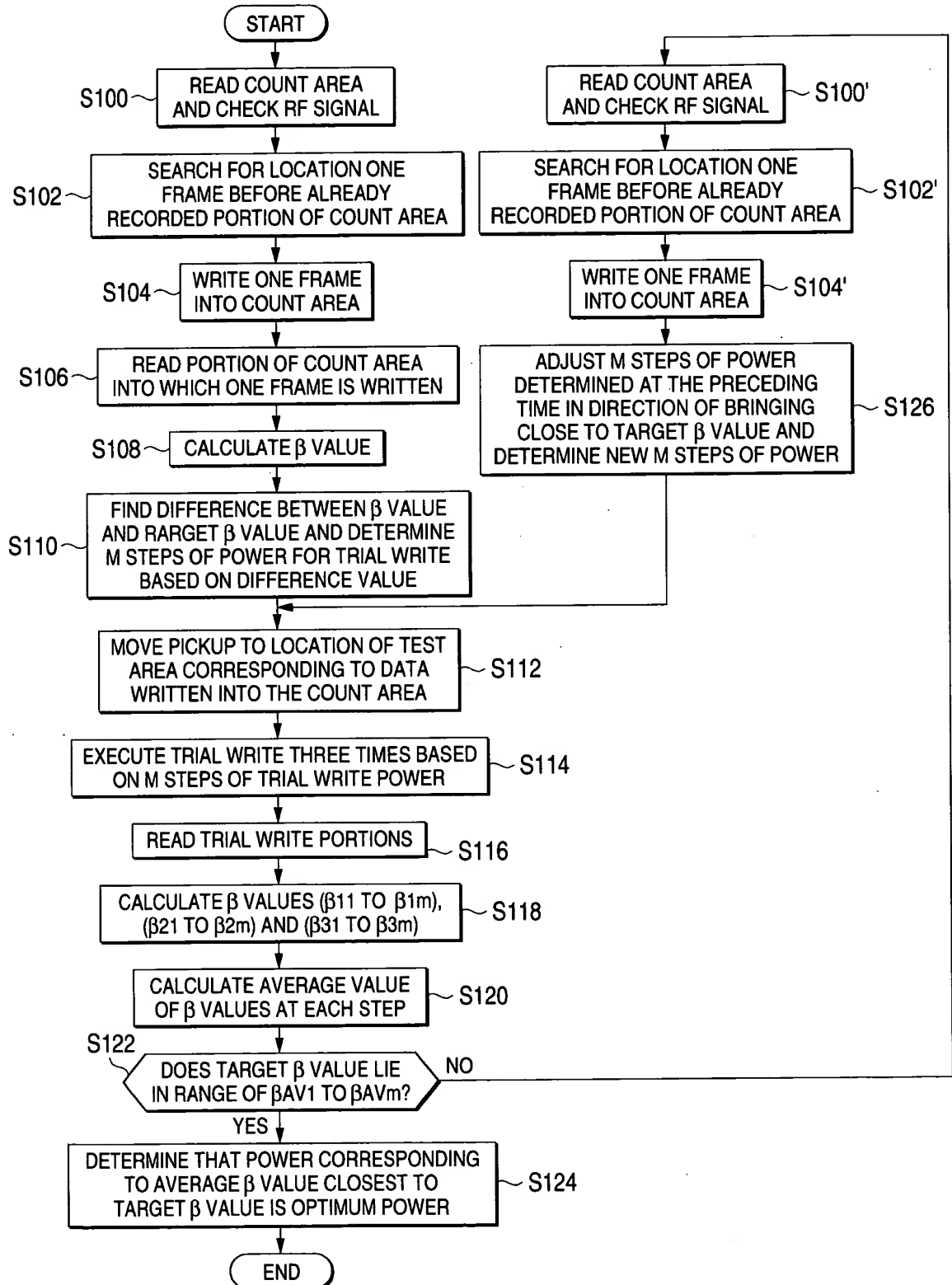


FIG. 5A

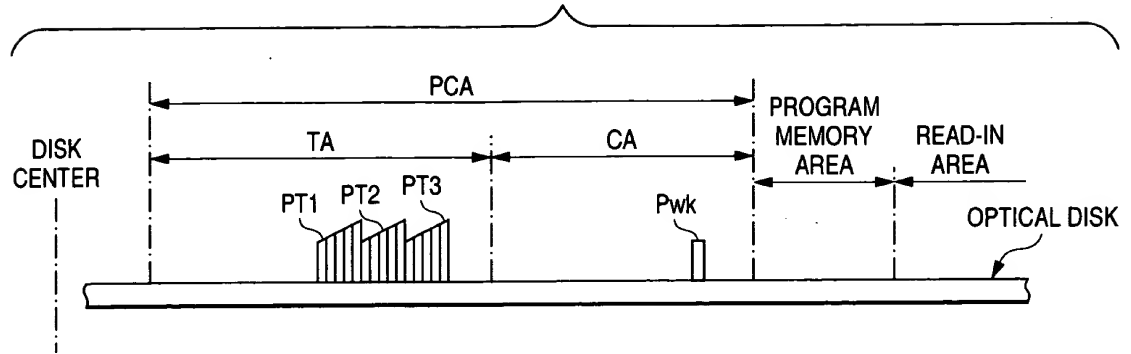


FIG. 5B

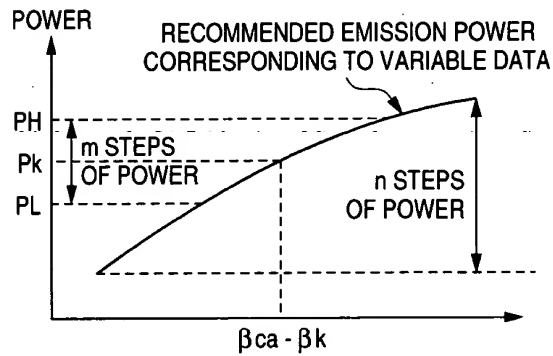


FIG. 5C

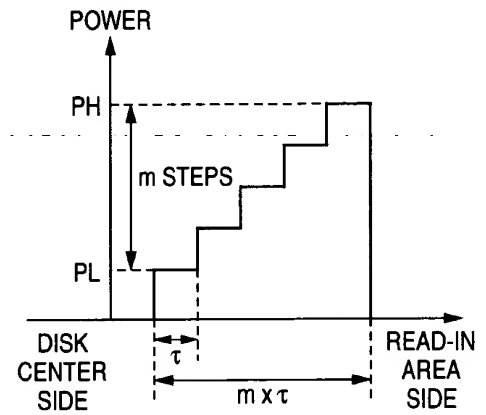


FIG. 5D

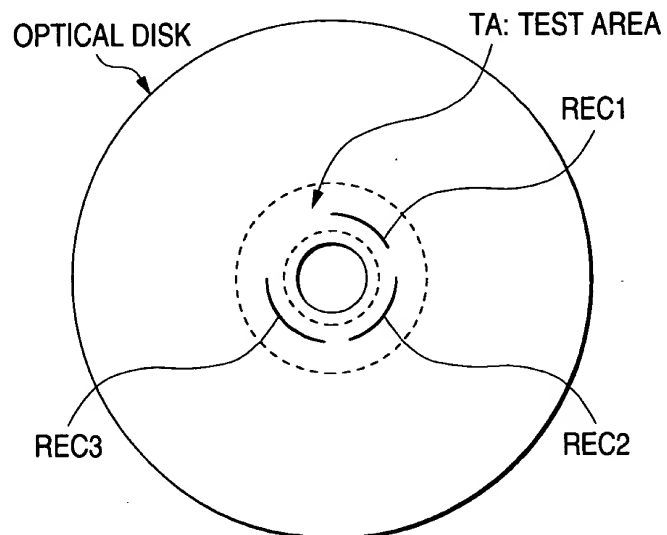


FIG. 6

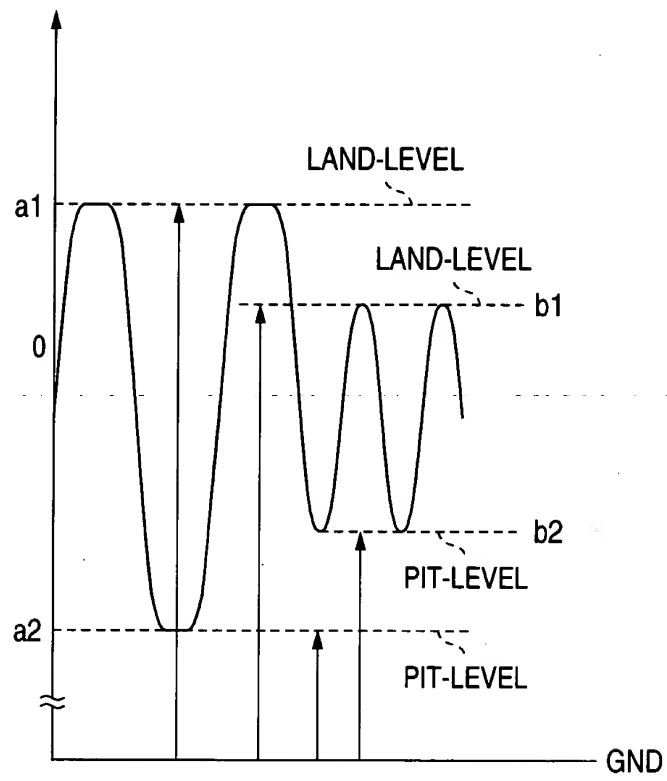
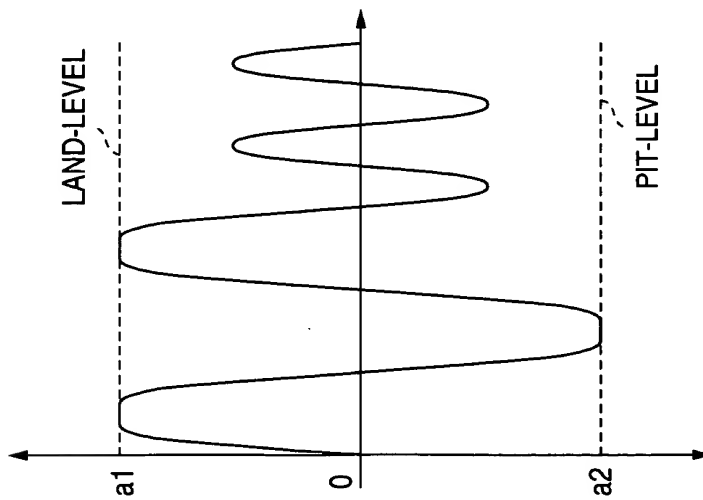
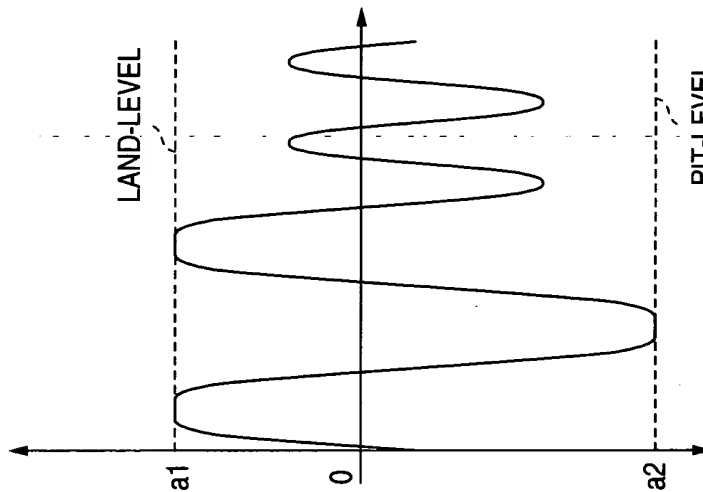


FIG. 7A



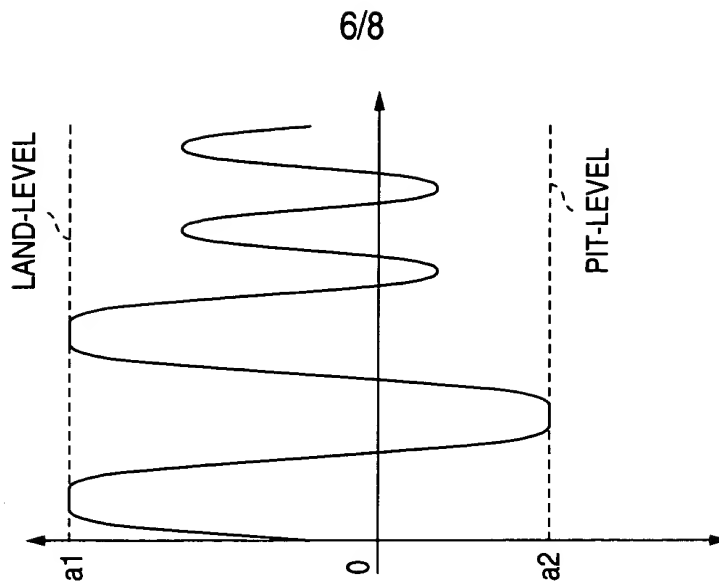
($\beta \doteq 0$)

FIG. 7B



($\beta < 0$)

FIG. 7C



($0 < \beta$)

FIG. 8A

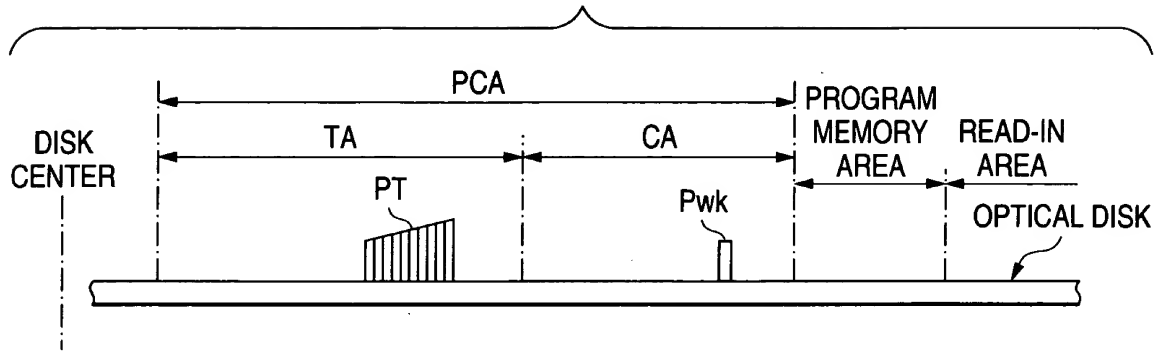


FIG. 8B

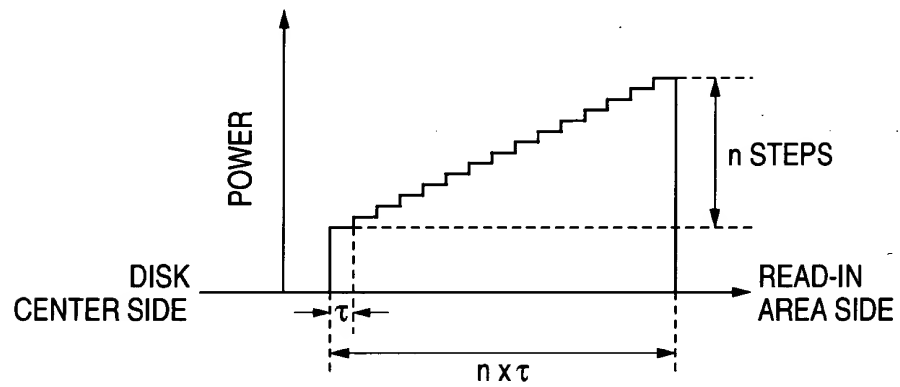


FIG. 8C

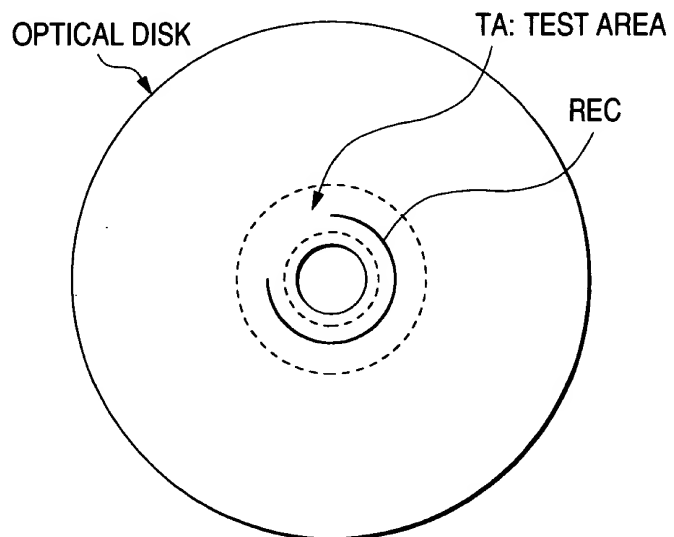


FIG. 9

